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ABSTRACT

Compositions comprising a fluoropolymer having interpolymerized units derived from a nitrogen-containing cure site monomer and a catalyst composition are provided. The catalyst composition includes a compound having the general formula:

$$\{RA\}^{(-)}\{QR'_k\}^{(+)}$$

or the precursors thereof, wherein R is a nonfluorinated, partially fluorinated, or perfluorinated alkyl, alkenyl, cycloalkyl, cycloalkenyl, aryl or aralkyl, A is an acid- or acid-derivative anion, Q is phosphorous, sulfur, nitrogen, arsenic, or antimony, and each R' is hydrogen or an alkyl, aryl, aralkyl, or alkenyl group, k is the valence of Q; and optionally (c) an alcohol of the formula R^2 -OH, wherein R^2 is an alkyl group which can be fluorinated.

Also provided are a method of making a fluoropolymer, a method of increasing induction time, and fluoropolymer articles containing curable or cured fluoropolymer compositions.